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WPI Acc No: 1990-176228/199023
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 Human serum albumin prepn. by yeast host - by culturing transformed
 plasmid yeast to produce serum, and removing it
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Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 2117384 | A | 19900501 | JP 88268302 | A | 19881026 | 199023 | B |

Priority Applications (No Type Date): JP 88268302 A 19881026

Abstract (Basic): JP 2117384 A
     DNA which has leader sequence coded by codon translated efficiently
in yeast of the prepro sequence of human serum albumin A is claimed,
and cDNA that codes human serum albumin A is further down than leader
sequence. DNA has the human serum albumin A coding cDNA and poly (A)
sequence existing further down than the cDNA. DNA has a leader sequence
coded by codon-muli used in yeast of the prepro sequence of human serum
albumin A, human serum albumin A coding cDNA, and poly (A) sequence in
that order. DNA of (1) or (2) is further claimed in which the leader
sequence is formulated as (I). Expression plasmid is claimed in which
DNA is inserted between promoter and terminator that can function in
yeast, in expressible direction. And further claimed is yeast which is
transformed by expression plasmid and prepn. of matured human serum
albumin A by culturing yeast to produce and secrete matured human serum
albumin A, and by -. collecting it.
     USE/ADVANTAGE - Matured human serum can be produced and secreted in
soluble form and in the same stereo structure with natural serum
albumin A exogenously. Recovery and purificn. of the prod. can be
proceeded easily, and mass-prodn. of human serum albumin is possible.
(27pp Dwg.No.0/0)
Title Terms: HUMAN; SERUM; ALBUMIN; PREPARATION; YEAST; HOST; CULTURE;
  TRANSFORM; PLASMID; YEAST; PRODUCE; SERUM; REMOVE
Derwent Class: B04; D16
International Patent Class (Additional): C12N-001/19; C12N-015/14;
  C12P-021/02; C12R-001/86
File Segment: CPI